

REMARKS

In the Office Action, claims 1-57 were rejected. By the present Response, claims 1-4, 7-10, 12-16, 19, 25, 31, 36, 38, 39, 43, 45, 50, 55 and 56 are amended. Claims 5, 6, 11, 29, 30, 35 and 47 are canceled. Moreover, amendments are made to two paragraphs of the specification. Upon entry of the amendments, claims 1-4, 7-10, 12-28, 31-34, 36-46, 48-53 and 55-57 will remain pending in the present patent application.

Reconsideration and allowance of all pending claims are requested.

Objections to the Specification

The Examiner formulated certain objections to the specification, particularly at paragraphs 0041 and 0067. Language suggested by the Examiner has been adopted in those paragraphs to obviate the objection.

Rejections Under 35 U.S.C. § 112

A number of rejections were formulated against various claims under 35 U.S.C. § 112, first paragraph. These rejections included rejections of claims 16 and 19. Both of these claims have been amended to obviate the rejection to remove specific reference to reliability analysis. Both claims are believed to be in proper form and in accordance with 35 U.S.C. § 112, first paragraph.

Similarly, a number of claims were rejected on the basis of 35 U.S.C. § 112, second paragraph. Such rejections affected claims 38, 45 and 50-57. In all cases, these claims have been amended to overcome the rejection.

Similarly, claims 1-18 were rejected on 35 U.S.C. § 112, second paragraph for being incomplete. The independent claims in this group have been amended to adopt language proposed by the Examiner. All of these claims are now believed to be in proper form and in conformance with 35 U.S.C. § 112, second paragraph.

Finally, claims 36-38 were rejected under 35 U.S.C. § 112, second paragraph for being similarly incomplete. Claim 36 has been amended to more particularly point out and distinctly claim that the method recited in the claim is a computer-implemented method and that the steps carried out are computer-implemented steps. Accordingly, the claim is believed to be satisfactory under 35 U.S.C. § 112, second paragraph.

In view of the various amendments made to the claims, reconsideration and allowance of all pending claims under 35 U.S.C. § 112 are requested.

Rejections Under 35 U.S.C. § 101

A number of claims were rejected under 35 U.S.C. § 101. These included claims 1-18 and 25-57. The claims affected by this rejection have been considered and have generally been amended in conformance with the suggestions made by the Examiner. Reconsideration and allowance of all of the affected claims are respectfully requested in view of the amendments.

Rejections Under 35 U.S.C. § 103

Various rejections of most of the claims pending in the application were formulated by the Examiner on the basis of 35 U.S.C. § 103(a). Applicants note that four dependent claims that recited generally similar subject matter were not rejected in view of prior art. In particular, dependent claims 6, 11, 30 and 35 were not rejected on the basis of any prior art. Accordingly, Applicants believe that the feature recited in these claims, the provision of a movie mode display for reliability or statistical analysis, is clearly patentable over the cited references.

The present application includes 13 independent claims, notably claims 1, 7, 12, 16, 19, 25, 31, 36, 39, 43, 50, 55 and 56. All of these claims have been amended by the present Response to add, in generally similar language, the provision of a movie mode display for visualization of the reliability or statistical analysis.

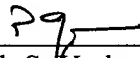
Accordingly, claims 6, 11, 30 and 35 have been canceled as have other claims dealing with visualization more generally. In view of the fact that none of the cited prior art discloses or suggests the provision of a movie mode display for the types of analyses performed, in conjunction with the other features of the various claims, all claims pending in the application are believed to be clearly allowable over the cited art. Reconsideration and allowance of all pending claims on the basis of 35 U.S.C. § 103 are requested.

Conclusion

In view of the remarks and amendments set forth above, Applicants respectfully request allowance of the pending claims. If the Examiner believes that a telephonic interview will help speed this application toward issuance, the Examiner is invited to contact the undersigned at the telephone number listed below.

Respectfully submitted,

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